

U.S. EPA NEW ENGLAND CENTER FOR ENVIRONMENTAL INDUSTRY AND TECHNOLOGY (CEIT)

April, 2004

Welcome to EnvirotechNews, a service provided by the Center for Environmental Industry and Technology (CEIT). This monthly newsletter contains information relevant to the environmental technology industry under the following headings: Government Funding Opportunities, Environmental Technology Verification (ETV) Opportunities, and Upcoming Events. Special issues of EnvirotechNews feature Technology Opportunities; this section offers the unique opportunity to connect with individuals or companies that may be looking for new solutions to specific environmental problems. We try to keep EnvirotechNews as brief as possible while providing information relevant to your needs.

GOVERNMENT FUNDING OPPORTUNITIES

ENVIRONMENTAL PROTECTION AGENCY

EPA ISSUES RFA FOR RECYCLING ELECTRONICS, SOL# PR-HQ-03-12341. CLOSING 4/15/04. EPA requests applications from small business for Recycling Electronics and Asset Disposition (READ) services for a variety of electronics equipment including: Personal computer desktops, laptops, printers, scanners, LAN equipment, copying machines, phones, palm pilots, cell phones, etc. For more information, contact Oliver Voss, EPA, at (202) 564-4514 or visit http://www.epa.gov/oamhpod1/admin_placement/0300115/index.htm

EPA REQUESTS PROPOSALS FOR INNOVATION WORK GROUP (IWG) PILOTS, SOL# OSWER 0401. PROPOSALS DUE 4/16/03. IWG pilots will support creative approaches to waste minimization, energy recovery, recycling and land revitalization that may be replicated across various industries, communities and regions. All government, non-profit, and public education institutions are eligible to apply. \$500K expected to be available. For more information, contact your Regional EPA IWG Manager (<http://www.epa.gov/oswer/docs/iwg/iwgmembers.pdf>) or visit <http://www.epa.gov/oswer/iwg/announcement.htm>

EPA REQUESTS APPLICATIONS FOR THE SOURCE REDUCTION ASSISTANCE GRANT PROGRAM, SOL# EPA-GRANTS-022004-003, RESPONSES DUE 4/16/04. Areas of interest include but are not limited to: Improving reuse and recycling opportunities; encouraging green product design and manufacturing; conducting outreach; collecting and analyzing data; and integrating pollution prevention concepts in state, regional and tribal environmental media programs. \$1 million expected to be available; 70 awards anticipated; award range \$5K to \$100K. For more information, visit http://www.epa.gov/p2/pubs/2004RFP_sourcereduction.htm.

EPA ANNOUNCES FUNDING OPPORTUNITY FOR EFFECTS OF CLIMATE CHANGE ON ECOSYSTEM SERVICES PROVIDED BY CORAL REEFS AND TIDAL MARSHES. CLOSING DATE 5/12/04. EPA is seeking applications for projects that develop quantitative relationships among tidal marsh and coral reef processes and their associated ecosystem services. For more information, visit http://es.epa.gov/ncer/rfa/2004/2004_climate_change.html

(Updated) EPA SBIR PHASE I SOLICITATIONS WILL OPEN 3/25/04 AND CLOSE 5/25/04. There will be three special solicitations -- Pollution Prevention, Waste Minimization and Pacific Southwest Environmental Problems -- and the regular SBIR Solicitation, which will cover nanomaterials, control and monitoring of air pollution, drinking water treatment and monitoring, water and wastewater, hazardous waste management and site remediation, hazardous waste monitoring, recycling of solid waste, safe buildings and drinking water and wastewater security. For more information, visit <http://es.epa.gov/ncer/sbir/>

EPA STAR PROGRAM ISSUES REQUEST FOR APPLICATION FOR UNDERSTANDING ECOLOGICAL THRESHOLDS IN AQUATIC SYSTEMS THROUGH RETROSPECTIVE ANALYSIS. CLOSING DATE 6/22/04. EPA is seeking applications for retrospective research on non-linear ecosystem dynamics and threshold behavior in response to ecosystem disturbance. The objective of this research is twofold: (1) to advance our basic understanding of ecosystem resilience as it relates to ecological thresholds, and (2) to produce practical insights from retrospective analysis of past threshold events that can be applied to adaptive management of similar ecosystems to prevent problems before they occur. For more information, visit http://es.epa.gov/ncer/rfa/2004/2004_aqua_sys.html

FOR PROFIT COMPANIES ARE NOT ELIGIBLE FOR THE FOLLOWING TEN EPA SOLICITATIONS. Eligible organizations may include U.S. possessions, state, tribal, county, city and local governments, institutions of higher education, voluntary, community-based and other non-profit organizations, hospitals, and laboratories.

(New) EPA REQUESTS PROPOSALS FOR SOURCE REDUCTION ASSISTANCE GRANTS, SOL# 04/02/06/PPD. RESPONSES DUE 4/16/04. Project initiatives can involve but are not limited to: encouraging green product design and manufacturing, reformulating and procuring products to reduce toxic constituents, and integrating pollution prevention concepts in state, regional and tribal environmental media programs. \$1 million expected to be available; 50 awards anticipated. For more information, visit http://www.epa.gov/p2/pubs/2004RFP_sourcereduction.htm

(New) EPA REQUESTS APPLICATIONS FOR ENVIRONMENTAL JUSTICE SMALL GRANTS PROGRAM, EPA-GRANTS-030204-001. RESPONSES DUE 4/16/04. The purpose of this program is to assist affected local community-based organizations to examine issues related to their exposure to multiple environmental harms and risks. Projects must be of a research nature only. \$500K expected to be available; 20 awards anticipated. For more information, contact Lewis Sheila at (800) 962-6215 or visit <http://www.epa.gov/compliance/resources/publications/ej/grants/small-grants-guidance-2004.pdf>

(New) EPA REGION 7 REQUESTS PROPOSALS FOR INDOOR AIR QUALITY PROGRAM, SOL# EPA-R7ARTD-04-002. RESPONSES DUE 4/23/04. Programs will include but are not limited to the IAW Tools for Schools Program. \$150K expected to be available; award range \$5K-\$60K. For more information, contact Robert Dye at (913) 551-7605 or visit http://www.epa.gov/region07/economics/r7_grant_opportunities.htm

(New) EPA REGION 7 REQUESTS PROPOSALS FOR SOURCE REDUCTION ASSISTANCE GRANTS, SOL# EPA-R7ARTD-04-003. RESPONSES DUE 4/30/04. \$100K expected to be available; individual awards NTE \$50K each. For more information, contact Gary Bertram at (913) 551-7533 or visit http://www.epa.gov/region07/economics/r7_grant_opportunities.htm.

(New) EPA REGION 9 REQUESTS PROSOSALS FOR INDOOR AIR QUALITY PROGRAM, SOL# EPA-GRANTS-031204-001. RESPONSES DUE 5/12/04. Programs will include but are not limited to the IAW Tools for Schools Program. \$205K expected to be available; 10 awards anticipated; award range \$5K-\$35K. For more information, contact Louise Hill at (415) 947-4192 or visit <http://www.epa.gov/region09/funding/indoorair.html>

(New) EPA REQUESTS PROPOSAL FOR POLLUTION PREVENTION GRANT PROGRAM, SOL# EPA-GRANTS-031704-001. PROPOSALS DUE 5/15/04. This program is focused on institutionalizing multimedia pollution prevention, establishing prevention goals, providing direct technical assistance to businesses, conducting outreach, and collecting and analyzing data. \$480K expected to be available; 5 awards anticipated. For more

information, contact Tristan Gillespie at (212) 637-3753 or visit <http://www.epa.gov/region02/rfp/2004/p2.htm>.

(New) EPA REQUESTS PROPOSAL FOR POLLUTION PREVENTION SMALL GRANT PROGRAM, SOL# EPA-GRANTS-031704-002. PROPOSALS DUE 5/15/04. Funding priorities include but are not limited to lead poisoning prevention. 40K expected to be available; 5 awards anticipated. For more information, contact Tristan Gillespie at (212) 637-3753 or visit http://www.epa.gov/region02/rfp/2004/p2_small.htm.

(New) EPA REGION 4 REQUESTS PROPOSALS FOR RESOURCE CONSERVATION FUNDS, SOL# EPA-GRANTS-032204-001. RESPONSES DUE 5/21/04. Projects areas include but are not limited to source reduction, pollution prevention, green design or manufacturing, environmentally preferable purchasing, energy conservation or recovery, or the manufacturing of products with post-consumer recycled content. \$45K expected to be available; individual awards NTE \$5K. For more information, contact Delores Rogers-Smith at (404) 562-8688 or visit <http://www.fedgrants.gov/Applicants/EPA/OGD/GAD/EPA-GRANTS-032204-001/Grant.html>

(New) EPA REQUESTS APPLICATION FOR COLLABORATIVE SCIENCE & TECHNOLOGY NETWORK FOR SUSTAINABILITY, SOL# EPA-GRANTS-032304-001. RESPONSES DUE 5/21/04. Areas of interest include innovative regional projects that address a state problem relating to sustainability and use science to inform design, planning and decision-making. \$1.5 expected to be available; award range \$50K-\$100K; up to 10 awards expected. For more information, contact Diana Bauerat (202) 343-9759 or visit http://es.epa.gov/ncer/rfa/2004/2004_collab_science.html

(New) EPA REGION 7 ISSUES REGIONAL GEOGRAPHIC INITIATIVE PROJECTS SOLICITATION, SOL# EPA-R7RGAD-04-006. RESPONSES DUE 5/25/04. This program funds unique, geographically-based projects including but not limited to smart growth projects, and agriculture policy which focuses on developing partnerships and projects in the agriculture community emphasizing cleaner air, purer water, and better protected land. \$1 million expected to be available; award range \$10K to \$100K. For more information, contact Toni Gargas at (913) 551-7193 or visit <http://www.epa.gov/region07/economics/pdf/epa-r7rgad-04-006.pdf>

DEPARTMENT OF DEFENSE

DOD RELEASED ITS 2004 STTR SOLICITATION 1/02/04. CURRENTLY ACCEPTING PROPOSALS. CLOSES 4/15/04. For more information, visit <http://www.acq.osd.mil/sadbu/sbir/solicitations/index.htm>

NAVY ISSUES RFP FOR GEOTHERMAL STUDIES, SOL# N68936-04-R-0001. RESPONSES DUE 4/15/04. The US Department of Navy has issued a Broad Agency Announcement for investigations in the following areas: (a) Kinematic and dynamic studies of the Coso geothermal area and the Coso/Argus Ranges including the Indian Wells Valley to the South and the Owens Lake to the north insofar as those areas contribute to understanding of the Coso system; (b) Dynamic studies of the heat and mass transfer processes within the geothermal area itself, and /or processes that influence the heat and mass flux budget therein; (c) Fracture prediction modeling and related fluid flow processes within the Coso geothermal field. For more information, contact Peggy Richter at (760) 939-4272 or go to to: <https://contracts.nawcwg.navy.mil/rfp-nawc.htm>.

(New) DOD RELEASED ITS 2004.2 SBIR SOLICITATION 3/1/04. PROPOSALS ACCEPTED FROM 5/3/04. CLOSES 6/17/04. The current SBIR 2004.2 offering is rather small, containing only 30 topics from the Navy and 3 topics from DARPA. It is expected that the 2004.3 SBIR will be a major release with hundreds of topics. DoD will be adding a fourth SBIR Solicitation this year. The added 2004.4 SBIR Solicitation will be a smaller offering similar to the 2004.2. For more

information, visit <http://www.acq.osd.mil/sadbu/sbir/solicitations/index.htm>

(New) DOD INTENDS TO ISSUE RFP FOR FUEL CELL DEMONSTRATIONS, SOL# 52985, ON OR ABOUT 4/7/04. RESPONSES DUE 6/1/04. DOD through DOE, Bonneville Power Administration, intends to provide grants to support the cost of climate change fuel cell demonstration projects. For more information, contact Brenda Heister at bsheister@bpa.gov, or visit http://www.bpa.gov/Energy/N/projects/fuel_cell/dod_program.shtml

DEPARTMENT OF ENERGY

DOE National Energy Technology Laboratory (NETL) uses the Industry Interactive Procurement System (IIPS) to post solicitations and amendments, receive proposals/applications, and disseminate award information. Entities wishing to participate in NETL solicitations will need to register at the IIPS website (<http://e-center.doe.gov>).

DOE NETL ANNOUNCES FUNDING OPPORTUNITY FOR PILOT SCALE DEMONSTRATIONS OF COST EFFECTIVE NOX CONTROL FOR COAL-FIRED ELECTRIC UTILITY BOILERS, SOL #DE-PS26-04NT42067. CLOSING DATE 4/2/04. DOE, NETL, through its Innovations for Existing Plants (IEP) Program is seeking applications for cost-shared research and development of advanced pulverized coal NOx control technologies at the pilot-scale and field testing-scale. The focus of these technologies is to reduce energy consumption and balance of plant issues and improve the associated capital and operating costs while burning a high volatile bituminous coal when compared to current state-of-the-art NOx control technologies. The offered projects need to have successfully completed laboratory/bench-scale or prior pilot-scale testing and these results are required to clearly demonstrate the technology capabilities and cost benefits. For more information, visit <http://www.netl.doe.gov/business/solicit/index.html>

(Updated) DOE REQUESTS PROPOSALS FOR INVENTIONS AND INNOVATION PROGRAM, SOL# DE-PS36-04GO94011. LETTER OF INTENT (REQUIRED) DUE 4/5/04. FINAL APPLICATION DUE 6/1/04. I&I is accepting proposals for technologies related to 11 EERE program areas and is specifically designed to help individuals and small businesses bring their energy-saving ideas to the marketplace. I&I funds grants up to \$50,000 for Category 1, \$250,000 for Category 2, and one Category 3 grant up to \$500,000. Category 1 grants are awarded to technologies in the early stages of development, Category 2 grants to those approaching the point of prototype, and the Category 3 grant to a previous I&I grantee to demonstrate its successful prototype. For more information, visit <http://www.eere.energy.gov/inventions>

(New) DOE SOLICITS INTEREST IN ENERGY-10 SOFTWARE AND TRADEMARK LICENSING, SOL#E10E. RESPONSES DUE 4/12/04. The National Renewable Energy Laboratory requests expressions of interest from companies interested in obtaining license rights to commercialize and market ENERGY-10, an award-winning PC-based design tool, that helps architects and building designers quickly identify the most cost-effective, energy-saving measures for commercial and residential buildings. For more information, contact Carol Meyer at carol_meyer@nrel.gov or visit <http://www.eps.gov/spg/DOE/NREL/NR/E10e/SynopsisP.html>

DOE NETL ISSUES ADVANCED DIAGNOSTICS AND IMAGING SOLICITATION, SOL # DE-PS26-04NT42072. APPLICATIONS DUE 4/12/04. The primary objective of this cost-shared Advanced Diagnostics and Imaging Systems (ADIS) opportunity is to develop advanced diagnostic tools and technologies that will provide higher resolution and more precise rock and fluid properties for reservoir targets in U.S. basins. For more information, visit <http://www.netl.doe.gov/business/solicit/index.html>

DOE ISSUES RFP FOR MICROBIAL GENOME PROGRAM. SOL# DE-FG01-04ER04-07. RESPONSES DUE 4/15/04. DOE requests proposals in support of the Microbial Genome Program which focus on microbe research in carbon management, biomass conversion, energy production, and waste remediation. \$4 million expected to be available; up to 15 awards anticipated. Pre-applications via email due ASAP. For more information, contact Daniel Drell at (301) 903-4742 or visit <http://www.sc.doe.gov/grants/Fr04-07.htm>.

DOE SEEKS APPLICATIONS FOR APPLIED RESEARCH IN THE SOLID STATE LIGHTING (SSL) CORE TECHNOLOGIES PROGRAM, SOL# DE-PS26-04NT42092-00, PROPOSALS DUE 4/15/04. The goal of this RFP is to develop advanced solid state lighting technologies that, compared to conventional lighting technologies, are much more energy efficient, longer lasting, and cost-competitive. \$6 million expected to be available; 3 to 6 awards anticipated; award range \$900K to \$2.7 million. For more information, contact Raymond Jarr, NETL, at (304) 285-4083 or visit <http://www.pr.doe.gov/iips/faopor.nsf/8df825feb86675de852564650046faea/4f7967171740b7c885256e46004fce4a?OpenDocument>.

DOE REQUESTS APPLICATIONS FOR THE SCALING ACROSS LEVELS OF BIOLOGICAL ORGANIZATION IN ECOLOGICAL SYSTEMS INITIATIVE, RESPONSES DUE 4/29/04. Applications should describe research projects to determine the theoretical and empirical bases of whether, and how, information obtainable at the level of genomes and proteomes of species or communities can be used to explain, and predict, effects of environmental changes associated with energy production on the structure and functioning of important ecosystems. For more information, visit <http://www.fedgrants.gov/Applicants/DOE/PAM/HQ/DE-FG01-04ER04-14/Grant.html>

DOE ANNOUNCES LARGE SCALE MERCURY CONTROL TECHNOLOGY FIELD TESTING PROGRAM, SOL # DE-PS26-03NT41718. DUE DATE 4/30/04. The DOE NETL is seeking applications to conduct a second phase of field testing of advanced, post-combustion mercury control technologies for all coal types using pulverized coal or cyclone boiler configurations. A key focus of the solicitation is on technologies capable of providing mercury removal to flue gases containing high elemental mercury concentrations, normally a characteristic of lower ranked coals. For more information, visit <http://www.netl.doe.gov/business/solicit/index.html>

(New) DOE ANNOUNCES ALUMINUM VISIONS OF THE FUTURE FUNDING OPPORTUNITY, SOL # DE-PS36-04GO94015. RESPONSES DUE 4/30/04. DOE request applications for R&D of technologies, which will reduce energy consumption, reduce environmental impacts and enhance economic competitiveness of the domestic aluminum industry. \$14 million expected to be available; 4 to 10 awards anticipated. For more information, contact Matthew Barron at aluminum@go.doe.gov or visit <https://e-center.doe.gov/iips/faopor.nsf/UNID/F991829FB55F488685256E5F008047E6?OpenDocument>

(New) DOE REQUESTS APPLICATION FOR THE INTEGRATED ASSESSMENT OF CLIMATE CHANGE RESEARCH PROGRAM SOLICITATION, SOL# DE-FG01-04ER04-16. RESPONSES DUE 5/11/04. This Program supports the goals of the Climate Change Science Program to understand, model, and assess the effects of increasing greenhouse gas concentrations in the atmosphere. Special emphasis is on developing methods to evaluate economic and other costs and benefits of climate change under "what if" scenarios. \$2 million expected to be available; award range \$50K-\$175K. For more information, contact Deborah Greenawalt at (301) 903-4074 or visit <https://e-center.doe.gov/iips/faopor.nsf/UNID/FC290E373862C6F885256E5100500B0A?OpenDocument>

(New) DOE OPENS CHEMICAL INDUSTRY PILOT PROJECT SOLICITATION, SOL# DE-PS36-04GO94010. RESPONSES DUE 5/17/04. The goal of this pilot project is to commercialize one or more innovative energy systems that will have widespread

application and yield significant energy savings to the chemical industry. Future technology demonstrations of successful R&D are anticipated to be conducted. For more information, contact Matt Barron at chemintegrator@go.doe.gov or visit <https://e-center.doe.gov/iips/faopor.nsf/UNID/A6BC0C1F3FF963BD85256E590063C7D9?OpenDocument>

(New) DOE ISSUES HYDROGEN SAFETY, CODES AND STANDARDS RESEARCH SOLICITATION, SOL# DE-PS36-04GO94000. RESPONSES DUE 5/20/04. The three eligible research projects include Hydrogen System Sensors, Pipeline Materials and Sensors, and Process Plant Sensors. Up to \$2 million expected to be available; individual awards NTE \$400K. 20% cost share required. For more information, contact James Damm at h2safety@go.doe.gov or visit <https://e-center.doe.gov/iips/faopor.nsf/UNID/DB2AA42EC016800A85256E4600576D38?OpenDocument>

(New) DOE REQUESTS PROPOSALS FOR THE GEOTHERMAL RESOURCE EXPLORATION AND DEFINITION PROGRAM, SOL# DE-PS36-04-GO94016. RESPONSES DUE 5/28/04. Proposals should focus on exploration and definition of new geothermal resources, which will ultimately lead to more electrical generation and direct-use applications from geothermal resources. \$2 million expected to be available; 3 to 10 awards anticipated. For more information, contact Matt Barron at Gred@go.doe.gov or visit <https://e-center.doe.gov/iips/faopor.nsf/UNID/FE9EF9C9026D358585256E5F007D292D?OpenDocument>

(New) DOE OPENS ENERGY INFRASTRUCTURE SOLICITATION, SOL# DE-PS26-04NT42071. RESPONSES DUE 5/28/04. DOE Office of Energy Assurance (OEA) requests applications for the Development of Technologies for Assurance of the U.S. Energy Infrastructure. Areas of interest include: Physical Security; Cyber Security; Modeling, Simulation, and Analysis. \$2.65 million expected to be available; award range \$300K-\$1 million. 50% cost share required. For more information, contact Lisa Kuzniar at (304) 285-4242 or visit [https://e-center.doe.gov/iips/faopor.nsf/UNID/F2A4EBE47544812785256E590051EC6B/\\$file/Funding+Opportunity+DE-PS26-04NT42071.doc](https://e-center.doe.gov/iips/faopor.nsf/UNID/F2A4EBE47544812785256E590051EC6B/$file/Funding+Opportunity+DE-PS26-04NT42071.doc)

DOE OFFICE OF SCIENCE OFFERS GRANTS, ANNUAL NOTICE DE-FG01-04ER04-02. RESPONSES ACCEPTED THROUGH 9/30/04. DOE announces its continuing interest in receiving grant applications for support of work in the following program areas: Basic Energy Sciences, High Energy Physics, Nuclear Physics, Advanced Scientific Computing Research, Fusion Energy Sciences, Biological and Environmental Research, and Energy Research Analyses. For more information, contact Lori Jernigan at Lori.Jernigan@science.doe.gov or visit <http://www.fedgrants.gov/Applicants/DOE/PAM/HQ/DE-FG01-04ER04-01/Grant.html>

DEPARTMENT OF AGRICULTURE

USDA REQUESTS APPLICATIONS FOR THE FY04 NATIONAL RESEARCH INITIATIVE (NRI) COMPETITIVE GRANTS PROGRAM. PROPOSALS DUE 6/15/04. The purpose of the NRI Program is to support research, extension, and education grants that address key problems of national, regional, and multi-state importance in sustaining all components of agriculture (farming, ranching, forestry including urban and agroforestry, aquaculture, rural communities, human nutrition, processing, etc.). \$120-\$150 million expected to be available. http://www.reeusda.gov/1700/funding/04/pdf/rfa_nri_04.pdf.

DEPARTMENT OF COMMERCE

DOC NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY (NIST) REQUESTS PROPOSALS FOR THE ADVANCED TECHNOLOGY PROGRAM, Sol# ATP2004. RESPONSES DUE 4/14/04. ATP funds high-risk, high payoff projects from all technology areas. \$60.7 million expected to be available. For more information, visit <http://www.atp.nist.gov/atp/2004frn.htm>

(New) DOC NIST REQUESTS APPLICATIONS FOR RESEARCH GRANTS, SOL# 040205042-4042-01. RESPONSES DUE 9/30/04. Applications are requested in areas including but not limited to: Building Research, Materials Sciences, and Chemical Sciences. Areas of interest in Building Research include but are not limited to: Structures, Heat Transfer, and Alternative Energy Systems. Funding varies by program area. For more information, contact Christopher Hunton at (301) 972-5718 or visit <http://a257.g.akamaitech.net/7/257/2422/14mar20010800/edocket.access.gpo.gov/2004/04-6789.htm>

DEPARTMENT OF HEALTH AND HUMAN SERVICES

NIH, CDC, AND FDA OMNIBUS SBIR/STTR GRANTS SOLICITATION OPENS. CLOSES 4/1/04, 8/1/04, AND 12/1/04. The NIH has announced the release of the PHS 2004-2 SBIR/STTR Grants Solicitation. This omnibus solicitation combines the offerings of the NIH SBIR/STTR, the CDC SBIR and the FDA SBIR programs. Due to the size and complexity of the NIH SBIR/STTR program, the NIH sponsors an annual conference specific to their program needs. The 6th Annual NIH SBIR/STTR Conference will be held in Bethesda, MD June 23-24, 2004. For more information, visit www.grants.nih.gov/grants/funding/sbir.htm

HHS FUNDING FOR BIOTERRORISM RESEARCH. The National Institute of Allergy and Infectious Diseases (NIAID) has funding opportunities for bioterrorism related research. These opportunities can be viewed at <http://www.niaid.nih.gov/biodefense/>

DEPARTMENT OF TRANSPORTATION

DOT ISSUES SBIR SOLICITATION. CLOSING DATE 5/3/04. For more information, visit www.volpe.dot.gov/sbir/index.html

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

NASA, DOE, AND USDA REQUEST PROPOSALS TO IMPROVE UNDERSTANDING OF CHANGES IN THE DISTRIBUTION AND CYCLING OF CARBON AMONG THE ACTIVE LAND, OCEAN, AND ATMOSPHERIC RESERVOIRS. SOL# NRA-04-OES-01. FINAL PROPOSAL DUE 4/7/04. Of special interest are the factors that affect changes in atmospheric carbon dioxide (CO2) concentrations and the impact of such changes on carbon management. Approx. \$36 million expected to be available over a 3 yr. period. For more information, contact William Emanuel, NASA, at (202) 358-0559 or visit http://research.hq.nasa.gov/code_y/nra/current/NRA-04-OES-01/main.html.

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

(New) NOAA ISSUES CLIMATE AND GLOBAL CHANGE SOLICITATION, SOL# 11431-OAR-FRN-032504. LETTERS OF INTENT (REQUIRED) DUE 4/22/04; FULL PROPOSALS DUE 6/18/04. NOAA requests applications for the Climate and Global Change Program for projects that will improve our ability to observe, understand, predict, and respond to changes in the global environment. Program Priorities include but are not limited to: Atmospheric Composition and Climate; Climate Observation; Climate and Societal Interactions; Climate Change Data and Detection; Global Carbon Cycle. \$8.2 million expected to be available; 63 awards anticipated; award range \$50K - \$200K. For more information, contact Steve Drescher at (301) 713-0942 x122 or visit <http://www.ogp.noaa.gov/>

(New) NOAA REQUESTS INFORMATION ON REGENERATIVE FUEL CELL, SOL# NNC04Z06003L. RESPONSES DUE 4/23/04. NOAA requests information from potential sources to help formulate a plan to develop a closed cycle hydrogen-oxygen regenerative PEM Fuel Cell (RFC) system for use as an energy storage device for a future high altitude, long endurance (HALE) remotely operated solar-electric aircraft (ROA). Intended applications include Earth Science, Homeland Security, and commercial. For more information, visit <http://prod.nais.nasa.gov/cgi->

bin/eps/bizops.cgi?gr=D&pin=22#109357

NATIONAL SCIENCE FOUNDATION

NSF ISSUES RFP FOR GLOBAL OCEAN ECOSYSTEMS DYNAMICS, SOL# NSF 04-544. RESPONSES DUE 4/15/04. NSF seeks proposals for synthesis of data from the California Current System and comparative analyses with other ocean regions under a component of the U.S. Global Change Program dedicated to understanding and predicting how populations of marine animal species respond to natural and man-made changes to the global climate. \$6 million expected to be available; up to 20 awards anticipated. For more information, contact Philip Taylor at (703) 292-9085 or visit <http://www.nsf.gov/pubs/2004/nsf04544/nsf04544.htm>

NATIONAL SCIENCE FOUNDATION SBIR/STTR, Sol# 04-551, CLOSES 6/9/04. There are two major topic categories: Information-Based Technologies (IT) and Security Technologies (ST). \$17.5 million expected to be available, 150 awards anticipated. For more information, visit <http://www.eng.nsf.gov/sbir/>

TRADE AND DEVELOPMENT AGENCY

(New) USTDA REQUEST ASSISTANCE FOR NATIONAL ENERGY POLICY FOR EL SALVADOR, SOL# 0350025B. RESPONSES DUE 4/20/04. U.S. firms are invited to provide technical assistance to the El Salvadoran Minister of Economics in the assessment and design of a new National Energy Policy. Areas of interest include but are not limited to: Assessment of Energy Efficiency Programs, Development of an Environmental Protection Plan, Development of Plan for Attracting Private Investment. For more information, visit <http://www.eps.gov/spg/TDA/TDA1/TDA1/Reference-Number-0350025B/listing.html>

STATE AND OTHER ORGANIZATIONS

THE CALIFORNIA ENERGY COMMISSION PIER ENVIRONMENTAL AREA TEAM REQUESTS PROPOSALS FOR THE ENVIRONMENTAL EXPLORATORY GRANT PROGRAM. RESPONSES DUE 5/3/04. The goal of this program is to support the early development of promising, new scientific concepts that have the potential to impact the way we understand and/or address energy-related environmental issues. Approx \$750K available; max grant \$75K. For more information, visit http://www.energy.ca.gov/contracts/2004-02-05_eegp.html

THE ENERGY FOUNDATION REQUESTS PROPOSALS FOR ITS CLIMATE PROGRAM. The program focuses on state and regional climate policy initiatives. The mission of this program is to develop and promote U.S. state and regional policies to reduce global warming pollution. The Energy Foundation continues to award grants and take direct initiatives in the areas of Power, Buildings, Transportation, Integrated Issues, and the China Sustainable Energy Program. Proposals accepted on an ongoing basis. For more information, visit <http://www.ef.org/>

MASSACHUSETTS DEPARTMENT OF ENVIRONMENTAL PROTECTION (DEP) SOLICITS APPLICANTS FOR RECYCLING INDUSTRIES REIMBURSEMENT CREDIT (RIRC) GRANT. The RIRC Program provides grants of up to \$50,000 to recycling companies for the purchase of capital equipment and/or funding for pilot projects to overcome barriers to establishing or increasing the use of difficult to recycle materials. In addition, please note the new product development and testing grant option that offers funding of up to \$5,000 to recyclers. For more information, contact Stephen Long at stephen.long@state.ma.us or visit <http://www.state.ma.us/dep/recycle>

FUNDING FROM NYSEDA FOR NY ENVIROTECH VENDORS TO PARTICIPATE IN EPA ETV PROGRAM (PON 768, ENVIRONMENTAL PRODUCT AND PROCESS DEVELOPMENT AND EVALUATION). Technology vendors interested in having their commercially

available environmental technologies independently verified can apply to the New York State Energy Research and Development Authority (NYSERDA) for funding. This funding is for defraying the cost of participating in EPA ETV performance verification tests. NYSERDA solicitation is primarily directed at vendors from the state of New York. However, a vendor located outside the state of New York can also apply for funding if the vendor has New York-based subsidiaries or business partners. The solicitation is on the NYSERDA Web site <http://www.nyserdera.org/upcoming.html>

ETV VERIFICATION OPPORTUNITIES

Criteria for participating in the ETV program include a commercially available technology, a willingness to cost-share a portion of the testing costs, a willingness to participate in the study design process, and a commitment to deploy and operate the technology during the verification process. Program benefits to technology developers and vendors include a rigorous testing protocol and a data set collected under field conditions that establish performance; an opportunity to showcase your technology through a well-developed ETV information outreach program; and an accelerated regulatory acceptance of your technology. ETV has verified 240 technologies. For more information on ETV and their pilots, please visit: www.epa.gov/etv/

ADVANCED MONITORING SYSTEMS CENTER SOLICITS TECHNOLOGY VENDORS FOR THE FOLLOWING TESTS:

Nutrient monitors. Interested vendors should contact Rachel Sell, Battelle, at (614) 424-3579 or sellr@battelle.org.

Portable water detectors for arsenic - Third Round. For more information, contact Patricia White, Battelle, at (781) 952-5279 or whitepj@battelle.org.

Beach monitoring technologies. Interested vendors should contact Amy Dindal, Battelle, at (561) 422-0113 or dindala@battelle.org.

Biosensors. Interested vendors should contact Kathya Mahadevan, Battelle, at (614) 424-3197 or mahadevank@battelle.org.

Cyanide analyzers - second round. Interested vendors should contact Kathya Mahadevan, Battelle, at (614) 424-3197 or ormahadevank@battelle.org.

Mercury continuous emission monitors - third round. Interested vendors should contact Tom Kelly, Battelle, at (614) 424-3495 or kellyt@battelle.org.

Dioxin continuous emission monitors. Interested vendors should contact Ken Cowen, Battelle, at (614) 424-5547 or cowenk@battelle.org.

Multigas emission analyzers - second round. Interested vendors should contact Tom Kelly, Battelle, at (614) 424-3495 or kellyt@battelle.org.

Hydrogen sulfide monitors. Interested vendors should contact Amy Dindal, Battelle, at (561) 422-0113, or dindala@battelle.org.

(New) Multi-parameter water monitors for distribution systems. Interested vendors should contact Ryan James, Battelle, at (614) 424-7954 or jamesr@battelle.org

GREENHOUSE GAS TECHNOLOGY CENTER SOLICITS TECHNOLOGY VENDORS

The GHG Center, operated by Southern Research Institute, is soliciting vendors of the following technologies:

Improved engine and axle lubricants for light-duty trucks and Sport Utility Vehicles. For more information, contact Elaine Ball, SRI, at (919) 806-3456.

Anaerobic waste digester technologies, waste additives, biogas clean-up and utilization technologies, and other technologies that improve the environmental performance of animal or human waste management systems. For more information, contact Elaine Ball, SRI, at (919) 806-3456.

ETV STAKEHOLDER MEETINGS

For information on upcoming stakeholder meetings, please visit the ETV web site: <http://www.epa.gov/etv/calendar/current.html>

UPCOMING EVENTS

The monthly issue of EnvirotechNews normally contains events listed under this section; however, the events have been deleted for this web site version. If you are interested in receiving information about events on a monthly basis, subscribe to the EnvirotechNews listserver to receive it automatically.

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For more information on the Center for Environmental Industry and Technology, please visit our Web Site at www.epa.gov/ne/assistance/ceit.

We hope that you will find this service to be helpful and informative, and look forward to hearing from you. Comments and suggestions are encouraged and can be e-mailed to the listserve.

Thank you,

Maggie Theroux